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T Ball, SK Rajamani - spinroot.com

... correlations. We have created a **model checker** for boolean programs called Bebop .

Given ... relations Label R reachable by following **path**: Line ...

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TA Henzinger, PH Ho, H Wong-Toi - International Journal on Software Tools for Technology ..., 1997 - Springer

... HyTech is a symbolic **model checker** for linear hybrid automata, a subclass of hybrid automata that can be analyzed automatically by computing with polyhedral ...

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NUSMV: a new symbolic **model checker** - group of 12 »

A Cimatti, E Clarke, F Giunchiglia, M Roveri - International Journal on Software Tools for Technology ..., 2000 - Springer

... symbolic **model checker** Table 1. Definition of CTL operators  $AX\alpha = \neg EX(\neg\alpha)$  For all paths, in the next state  $\alpha$   $EF\alpha = E[ U\alpha]$  There exists a **path** in which ...

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H Hermanns, JP Katoen, J Meyer-Kayser, M Siegle - Springer

... be defined. The usual **path** quantifiers  $\forall$  and  $\exists$  are replaced by the probabilis ... E

MC 2 ), to our knowledge the first implementation of a **model checker** for CTMCs ...

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EM Clarke, O Grumberg, DE Long - portal.acm.org

... Formulas are formed using the standard operators of linear temporal logic and two **path** ... The formula  $3()$  is true when- ever  $@$  holds for some computation **path**. ...

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Efficient Generation of Counterexamples and Witnesses in Symbolic Model Checking - group of 10 »

EM Clarke, O Grumberg, KL McMillan, X Zhao - portal.acm.org

... algorithm is, in fact, the one that is used in the SMV **model checker** developed at ...

Note that this algorithm guarantees a shortest **path** to a fair cycle is found. ...

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A BDD-Based **Model Checker** for Recursive Programs - group of 14 »

J Esparza, S Schwoon - Springer

... if a point of a boolean program can be reached along some execution **path**. ... In this paper we overcome this limitation by presenting a **model-checker** for boolean ...

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Symbolic model checking using SAT procedures instead of BDDs - group of 20 »

A Biere, A Cimatti, EM Clarke, M Fujita, Y Zhu - ieeexplore.ieee.org

... operators [1]. To simplify our discussion, we consider only existential LTL formulas, ie formulas of type  $Ef$  where  $E$  is the existential **path** quantifier and  $f$  ...

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The SLAM Toolkit - group of 5 »

T Ball, SK Rajamani - Springer

... **model checker** to determine the answer to this query. In this case, the answer is "yes" and Bebop produces a (shortest) **path** p 0 leading to SLIC ERROR ...

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Symbolic Model Checking without BDDs - group of 27 »

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... We have implemented a **model checker** BMC, based on bounded model checking, and preliminary ...  $G(x = 0)$ . Instead of searching for an arbitrary **path**, we restrict ...

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